



ELECTRONIC TUBE REFERENCE

6BE3A

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Compactron single heater-cathode diode designed for television horizontal-deflection damping, offering lower forward voltage drop than the 6BE3.

GENERAL CHARACTERISTICS

BASE DESIGNATION	12GA	BASE PINS	12
NOMINAL HEATER	6.3 V / 1.2 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	6.5 W
PEAK INVERSE VOLTAGE	5000 V
NOMINAL OUTPUT CURRENT	200 mA
PEAK FORWARD CURRENT	1.2 A
MAXIMUM HEATER-CATHODE VOLTAGE	5000 V
Published promoted fields populated semantically; identical repeated sections compressed where applicable.	

Compactron single heater-cathode diode for television horizontal-deflection damping service, with lower voltage drop than the 6BE3.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1961 TUNG SOL

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Steady State Peak Plate Current	1.2 A	TVDamperService

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube Voltage Drop	22.5 V	PlateCurrent=350mA